

Road 1				
Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
0.000	599212.949	268790.271	47.694	Start
5.000	599208.476	268788.037	47.894	Straight
9.662	599204.305	268785.955	48.077	Tangent Point
10.000	599204.001	268785.807	48.089	Curve Radius 15.000
10.320	599203.710	268785.674	48.101	Tangent Point
15.000	599199.435	268783.769	48.249	Straight
20.000	599194.868	268781.734	48.366	Straight
25.000	599190.301	268779.699	48.448	Straight
30.000	599185.734	268777.664	48.525	Straight
33.307	599182.713	268776.318	48.576	Bottom of Ramp
35.000	599181.167	268775.629	48.670	Straight
35.157	599181.023	268775.565	48.679	Top of Ramp
38.157	599178.283	268774.344	48.725	Top of Ramp
40.000	599176.600	268773.594	48.679	Straight
40.007	599176.593	268773.591	48.679	Bottom of Ramp
42.170	599174.618	268772.711	48.712	Tangent Point
45.000	599172.061	268771.498	48.756	Curve Radius 60.000
50.000	599167.693	268769.067	48.832	Curve
55.000	599163.544	268766.280	48.909	Curve
60.000	599159.640	268763.158	48.986	Curve
65.000	599156.010	268759.721	49.063	Curve
70.000	599152.679	268755.995	49.140	Curve
73.586	599150.487	268753.158	49.195	Tangent Point
75.000	599149.656	268752.013	49.217	Straight
80.000	599146.718	268747.967	49.294	Straight
80.659	599146.331	268747.434	49.304	Bottom of Ramp
82.509	599145.244	268745.937	49.408	Top of Ramp
85.000	599143.781	268743.921	49.446	Straight
85.509	599143.481	268743.509	49.454	Top of Ramp
87.359	599142.394	268742.012	49.407	Bottom of Ramp
90.000	599140.843	268739.875	49.448	Straight
90.568	599140.509	268739.415	49.457	Tangent Point
95.000	599137.775	268735.929	49.525	Curve Radius 60.000
100.000	599134.392	268732.249	49.602	Curve
105.000	599130.714	268728.864	49.679	Curve
110.000	599126.767	268725.797	49.756	Curve
115.000	599122.578	268723.069	49.832	Curve
120.000	599118.177	268720.700	49.909	Curve
121.984	599116.378	268719.862	49.940	Tangent Point
122.904	599115.538	268719.488	49.954	Bottom of Ramp
124.754	599113.848	268718.735	50.058	Top of Ramp
125.000	599113.623	268718.635	50.061	Straight
127.754	599111.108	268717.514	50.104	Top of Ramp
129.604	599109.418	268716.761	50.057	Bottom of Ramp
130.000	599109.056	268716.600	50.063	Straight
135.000	599104.489	268714.565	50.140	Straight
140.000	599099.922	268712.530	50.217	Straight
145.000	599095.355	268710.494	50.293	Straight
145.004	599095.352	268710.493	50.293	Tangent Point
150.000	599090.673	268708.749	50.339	Curve Radius 40.000
155.000	599085.810	268707.602	50.344	Curve
158.966	599081.874	268707.129	50.320	Bottom of Ramp
160.000	599080.842	268707.069	50.353	Curve
160.816	599080.026	268707.042	50.380	Top of Ramp
165.000	599075.846	268707.160	50.346	Curve
170.000	599070.900	268707.873	50.306	Curve
172.929	599068.057	268708.576	50.283	Tangent Point
175.000	599066.066	268709.146	50.266	Straight
180.000	599061.260	268710.523	50.226	Straight
185.000	599056.453	268711.900	50.186	Straight
190.000	599051.646	268713.276	50.146	Straight
191.899	599049.821	268713.799	50.131	Tangent Point
195.000	599046.877	268714.773	50.106	Curve Radius 38.125
197.156	599044.882	268715.590	50.073	Tangent Point
198.217	599043.912	268716.020	50.057	IP
200.000	599042.331	268716.843	50.029	Straight
205.000	599037.895	268719.151	49.952	Straight
210.000	599033.460	268721.460	49.875	Straight

Road 2				
Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
0.000	599054.643	268698.635	50.402	Start
5.000	599056.020	268703.442	50.339	Straight
10.000	599057.396	268708.249	50.276	Straight
10.500	599057.534	268708.729	50.270	IP at Channel
13.250	599058.291	268711.373	50.201	End

Path 1				
Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
0.000	599165.771	268711.114	49.925	Start
5.000	599163.736	268715.681	49.869	Straight
10.000	599161.701	268720.248	49.814	Straight
11.750	599160.989	268721.847	49.794	IP
15.000	599163.957	268723.170	49.758	Straight
20.000	599168.524	268725.205	49.703	Straight
20.570	599169.045	268725.437	49.696	IP
25.000	599167.242	268729.483	49.647	Straight
30.000	599165.207	268734.050	49.592	Straight
35.000	599163.172	268738.618	49.536	Straight
40.000	599161.137	268743.185	49.480	Straight
45.000	599159.102	268747.752	49.425	Straight
50.000	599157.067	268752.319	49.369	Straight
51.087	599156.624	268753.311	49.357	IP at Channel
55.000	599153.620	268755.819	49.172	Straight
55.837	599152.978	268756.355	49.133	End

Path 2				
Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
0.000	599193.485	268717.024	49.608	Start
5.000	599191.450	268721.591	49.554	Straight
10.000	599189.415	268726.158	49.499	Straight
15.000	599187.380	268730.725	49.445	Straight
20.000	599185.345	268735.292	49.391	Straight
25.000	599183.310	268739.859	49.337	Straight
30.000	599181.275	268744.426	49.282	Straight
35.000	599179.240	268748.994	49.228	Straight
40.000	599177.205	268753.561	49.174	Straight
45.000	599175.170	268758.128	49.120	Straight
50.000	599173.134	268762.695	49.065	Straight
53.527	599171.699	268765.917	49.027	IP at Channel
55.000	599170.970	268767.196	48.958	Straight
58.277	599169.348	268770.044	48.803	End

Path 3				
Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
0.000	599206.098	268786.850	48.000	Start
4.750	599208.220	268782.601	48.225	IP at Channel
5.000	599208.322	268782.372	48.234	Straight
10.000	599210.357	268777.805	48.412	Straight
15.000	599212.392	268773.238	48.517	Straight
20.000	599214.427	268768.671	48.551	Straight
25.000	599216.462	268764.104	48.584	Straight
30.000	599218.497	268759.537	48.618	Straight
35.000	599220.532	268754.970	48.651	Straight
40.000	599222.568	268750.403	48.694	Straight
45.000	599224.603	268745.836	48.736	Straight
50.000	599226.638	268741.268	48.778	Straight
55.000	599228.673	268736.701	48.813	Straight
57.501	599229.691	268734.417	48.797	IP
60.000	599232.024	268733.522	48.761	Straight
65.000	599236.692	268731.732	48.688	Straight
68.979	599240.407	268730.307	48.631	IP
70.000	599241.340	268730.722	48.616	Straight
75.000	599245.907	268732.757	48.544	Straight
75.256	599246.141	268732.861	48.540	End

- GENERAL
- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED. ANY DISCREPANCIES ARE TO BE RECORDED AND REPORTED TO THE ENGINEERS IMMEDIATELY.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS AND ARCHITECTS DRAWINGS AND THE SPECIFICATION.
  - ANY EXISTING DETAILS WHICH ARE SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY VARIATIONS ARE TO BE RECORDED AND REPORTED TO THE ENGINEER IMMEDIATELY.
  - ALL WORK ARE TO BE TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY BUILDING CONTROL.
  - THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF THE WORKS AT ALL TIMES DURING CONSTRUCTION.
  - ALL WORKMANSHIP AND MATERIALS ARE TO BE TO CURRENT BRITISH STANDARDS.
  - ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.
  - ALL HIGHWAY WORKS ARE TO BE IN ACCORDANCE WITH THE LOCAL AUTHORITIES DESIGN GUIDE AND SPECIFICATION.
  - DURING CONSTRUCTION WORKS ON SITE, ALL ROADS AND FOOTPATHS ARE TO BE SWEEPED AND KEPT CLEAR OF OBSTRUCTIONS, THIS IS TO INCLUDE EXISTING HIGHWAYS AS APPROPRIATE TO ENSURE SAFE PASSAGE OF ALL ROAD USERS.
  - PROVISION SHALL BE MADE FOR THE INSTALLATION OF ALL MAINS SERVICES INCLUDING DUCTING PRIOR TO THE LAYING OF THE ROAD BASE-COURSE.
  - ALL ROAD MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH 'THE TRAFFIC SIGNS REGULATIONS AND DIRECTIONS' 2016.
  - ALL WATER AUTHORITY SEWER WORKS ARE TO BE IN ACCORDANCE WITH 'SEWERAGE SECTOR GUIDANCE APPENDIX C' DESIGN AND CONSTRUCTION GUIDANCE VERSION 1.0 25TH OCTOBER 2019 AND ANY ADDENDUM THEREAFTER.
  - ALL PRIVATE CONNECTIONS TO ADOPTABLE SEWERS SHOULD BE A MINIMUM OF 100mm DIAMETER (FOUL) & 150mm DIAMETER (SURFACE) MADE IN VITRIFIED CLAY CONNECTING SOFFIT TO SOFFIT.
  - NO TREES ARE TO BE PLANTED WITHIN 3M OF ANY ADOPTABLE SEWER AND TREE PITS/ROOT BARRIER ARE TO BE USED WHERE TREES ARE WITHIN 3-6M AS SPECIFIED BY THE WATER AUTHORITY.

Rev	Revision Notes	Drawn (Appr)	Date

**INGENT**  
CONSULTING ENGINEERS  
Unit 10 Brightwell Barns, Waldringfield Road, Brightwell, Suffolk, IP10 0BJ.  
Tel: 01473 598038 --- www.ingent.co.uk --- email: info@ingent.co.uk

**PRELIMINARY**

Project:  
RICHER ROAD, BADWELL ASH  
SUFFOLK

Drawing Title:  
ROAD SETTING OUT  
SHEET 3 OF 3

Client:  
BG & JM SUTTON

Date:  
SEPT 2023

Drawn: JH  
Designed: JH  
Checked: DCH  
Approved: RGW

Scale:  
1:200

Project No:  
2005-453

Drawing No & Revision:  
012

Size:  
A1